AMENDMENTS TO THE SPECIFICATION

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

Page 3, line 23 – page 4, line 9:

Mechanism 30 in Fig. 4 controls the position of the driving pin 17 in order to control the rotary orientation of the inhalation port 15a of control board. In a cylinder 31 of mechanism 30 a piston 32 is moveable in axial direction. Driving pin 17 engages into a circumferential groove 32a of piston 32. An axial movement of piston 32 automatically displaces control board 15 about its axis. Piston 32 is loaded by a spring [[32]] 33 in a direction adjusting the capacity of the compressor towards a minimum. Spring [[32]] 33 is received within one part of cylinder 31. Said part of cylinder 31 is also connected to inhalation duct 1 such that the pressure inside said part of the cylinder 31 correspond an inhalation pressure Ps of the compressor. The opposite part of cylinder 31 (at the other side of piston 32) is connected to a differential pressure port 28c of said capacity controller 20 which operates as a differential pressure controller. The pressure within the other part of cylinder 31 is a control pressure Pc the value of which is controlled by said controller 20. The higher said control pressure Pc is, the further piston 32 is displaced counter to spring [[32]] 33 and the more control board 15 is rotated towards its position for maximum capacity of the compressor. The lower said control pressure Pc is, the more control board 15 rotated by spring [[32]] 33 and inhalation pressure Ps towards its position of minimum capacity of the compressor 10.

Page 4, line 16 – line 23:

In addition springs 26, 27 are provided which act in opposite directions onto said piston valve body 25. The setting of both springs 26, 27 determines in the embodiment of Fig. 1 a basic maximum value of the differential pressure (Pc –Ps). Said value, however, can arbitrarily be decreased by feeding current into coil 21. ~~Moveable iron core 23 is attracted the more by fixed iron 22, he stronger the current is.~~ The stronger the current is, the more moveable iron core 23 is attracted by fixed iron 22. Moveable iron core 23 causes a thrust F which is transmitted to said piston valve body 25 via a rod 24 extending along the axis of fixed iron core 20. Thrust F is acting in opening direction of said differential pressure valve of said controller 20 in Fig. 1[[.]]

Page 5, line 6 – line 10:

Discharge pressure duct is connected to a discharge pressure port 28d of controller 20. Discharge pressure port [[20d]] 28d (discharge pressure Pd) opens in the vicinity of valve seat 42 at the circumferential side of piston valve body 25, so that discharge pressure Pd does not affect the piston valve body 25 in axial direction, i.e., piston valve body 25 is pressure balanced for discharge pressure Pd.